Application No. Applicant(s) Index of Claims 10/089,146 AMBERG ET AL Examiner Art Unit Maher M. Haddad 1644 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N 0 I Allowed Restricted Interference Objected

Cla	aim	Π				Da	te] .		Cla	im					Dat	е] .	CI	aim		_			Dat	e			\neg
	- n	4	4	Γ	Γ	Γ			Γ	Γ]			=						Γ			Γ								Γ		Г	Г	П
Final	Original	10/18/04	21/1/05	ľ	1				1	1			Lua	Original									l	· -	Final	Original					ı				
证	కై	2	15						1	1	1	į	=	ايخ	ļ									l	ᇤ	Ĕ						l	ı		
	\mathbb{L}°	Ľ					<u>.</u>		_			L												ľ		0				l		l			П
	1	+	7						П	П	7			51										١.		101		٠.				Г			
	2	+	~			Τ		Т	Т]:.			52										ŀ		102					T	Т	Т	Г	П
	3	+	7	Г	Т	Т	Т	T	Т		7	Γ		53										l: .		103						Т			П
	4	+	1		Т	Т	Т	T	T	7	7	Г		54	\neg					\Box	Г					104			\vdash	Г	<u> </u>	Т	Т	\vdash	П
	5	+	7	Γ	Т	Τ	Т	T	Т	Т	7	Г		55										İ		105					1	Т		П	М
	6	+	7		Τ		T		Т	Т	7	Г	一	56		\neg										106				Г	⇈		İ	\vdash	П
	7	+	Ŋ		Τ	Г	\Box		\top	Т	7			57		\neg										107	\Box				1	ऻ	1	П	П
	8	+	N	Г	Т	Τ	Г	7	Т	Т]∷		\neg	58												108			_	Ι		<u> </u>		П	М
	9	+	Ν.		Т	Г	Т	T	T		1.			59	\neg							_		i		109	\neg		_	┢	T	T		\vdash	М
	10.	+	V		Г	Τ	Τ	Т	T	T	1:		\neg	60	ヿ	\neg					_			·· - i		110	_	_		Т	-		Г	Н	П
	11	T.			T		Т	T		T	ऻॱ	·一		61	ヿ	コ	_	\neg				_	П	r :		111		_		\vdash	H	\vdash	T	Н	П
	12	Π			1	1	Τ	Τ	Ť	\top	1		\dashv	62	7	7		\neg			Н		П	.		112	\dashv	T			T	Г	t^-		\vdash
	13	Π	П	Г	1		T	1	1	\top]		寸	63	\dashv	一		┪	_	_	\vdash		Н			113	\dashv	\exists		_	_	\vdash	\vdash	Н	\vdash
	14		Г		1	T	T	\top	1-	1	1	-	\dashv	64	\neg	ᅥ		_	\exists		\Box		Н			114	\neg				1-	1-	\vdash	\vdash	\dashv
	15	Π	П	Т	1	1	T	1	1	1	1		_	65	1	_		\neg	-				\vdash			115	-	ᅥ		\vdash	 	Н	 	Н	\vdash
	16	1	<u> </u>		1	1-	T	1	1	t	.	\vdash	7	66	\dashv	_	-	-1	-		\vdash	_	\vdash	:		116		\dashv	\dashv	\vdash	\vdash		\vdash	H	-
一	17	_				\vdash	1	十	╁	╁	1 ⋅	\vdash	寸	67	\dashv	寸	一		_			-	Н			117	\dashv	\neg		-	-	H	-	\vdash	\dashv
	18	\vdash	Т	-	\vdash	†-	1	t^-	╁	T	1	\vdash	十	68	一	ᅥ	ᅥ	ᅥ	-				\vdash	٠.		118	-	\dashv	-	_	⊢	\vdash	⊢	\vdash	\dashv
	19	_	\vdash		✝	1	\vdash	+	†-	╁	1.	╌	T	69	\dashv	-	\dashv	-		_	\dashv	_	-	: 1		119	\dashv	\dashv	-	-	_	-	-	Н	\dashv
	20	 		_	┢	╁╌	t	╁	T	+-		\vdash	+	70	-+	\dashv	-	ᅱ	-	\dashv	-	_	\dashv	.	-	120	\dashv	\dashv		-	-	-		Н	\dashv
\neg	21	1-			┢	\vdash	╁	╁	†-	╁	┆ '	\vdash	\dashv	71	+	-	┪	┪			\dashv	-	-		-	121	\dashv		-		\vdash	⊢	H		\dashv
	22	┝	\vdash		┢	╁	╁	╁	╁	╁╌	1:	-	-	72	\dashv	+	\dashv	\dashv	-1	-	-	-	\dashv	٠.		122		\dashv	\dashv		-	\vdash	-	$\vdash \vdash$	\dashv
	23	_	Н	_	\vdash	\vdash	├-	╁╴	╁	+	1.	\vdash	┪	73	\dashv	-	ᅱ	-	-		-	-	\dashv	•		123	\dashv	\dashv	\dashv			-	-	\vdash	⊣
	24	\vdash	Н		1	+	╁╌	╁╴	╁	╁		┢	+	74	\dashv	+		-+	┥	\dashv			\dashv			124		-	\dashv				Н	\vdash	{
	25	-	Н	_	\vdash	╁	H	+	╁╴	╁╴		┝┈		75	+	-	\dashv	-			-	-	\dashv	.		125	\dashv	-	\dashv	-			Н	\dashv	\dashv
	26	-	Н		╌	├	├-	╁	╁╴	╁╴	١.	-	\dashv	76	┰		-	-	-	\dashv	-+	\dashv	ᅱ	-		126				\dashv	_	\dashv	_	\dashv	
\dashv	27	-	Н		-	⊢	⊢	╁	-	╫	1	\vdash	+	77	-	\dashv	\dashv	\dashv	-	\dashv	\dashv	-		٠		127	\dashv	-			-		Н	\dashv	ᅱ
\dashv	28	-	\vdash	_	╌	\vdash	⊢	\vdash	-	╁	ł	⊢		78	\dashv	+	+	+		~-	_	\dashv	ᅱ			128	-+	\dashv		-	\dashv	\vdash	-	\dashv	\dashv
\exists	29		\dashv		\vdash	\vdash	┢	╁	-	-	1	⊢		79	+	+	-	+	\dashv		-	-	\dashv	\cdot		120	+		-	-			-		-1
	30					H	├—	╁╴	├	╁╌	<u> </u> .	\vdash		80	+	+	+	+	\dashv	-		-1		.	\dashv	129	-		-	-				-	4
	31		1000		ا		H	┢	┢	├		_		81	+	+	\dashv	-		-		-1	-	٠	\rightarrow	130	4		-			_	-1		4
	32	-	\dashv	_	-	-	⊢	╁	⊢	⊢	Ι.	⊢			-	-	\dashv			\dashv	\dashv	-	ᅱ	- 1	-	131	4	-			-		\dashv	\dashv	4
-+	33				-	-	-	\vdash	⊢	\vdash	l	├		82 83	+	+	\dashv	\dashv	+	\dashv	+	4	-4	ŀ	\dashv	132	-	\dashv	_					4	_
+	34	-	\dashv	-	\vdash	-	-	-	⊢	⊢	ł			84		+	+	+	\dashv		-+	+	\dashv	ŀ	-	133		\dashv			_	4	_	4	4
	35	ᅱ	\dashv		-	\vdash	\vdash	├	⊢	-				85	+	+	+	-	-		+	4	\dashv	-	-	134	-	4			4	4	_	\dashv	4
+	36	\dashv	\dashv		-	\vdash	\vdash	⊢	-	-		\vdash			+	+	+	+	4	\dashv		-	\dashv	٠,		135	-	+	4		ᅴ		-	4	_
 	37	\dashv	\dashv	\dashv	-	Н	-	⊢	-	\vdash		\vdash		86	+	+	+	-+	4	-	+	4	\dashv	ŀ		136	_	4	-1	-	_	4	_	_	_
-+	38		\dashv	-	Н	\vdash		⊢	\vdash	-	l	<u> — </u>		87	+	+	+		-		-	-	\dashv	-		137	4	4		_		_	_	4	4
+	39	\dashv	\dashv	\dashv	Н	Н	-	\vdash	 	\vdash	l	<u> </u>		88	+	+	-+	+	\dashv	_		4	4	-	\dashv	138	-	\dashv	_	ļ	_	ļ	_	_	_
	40	\dashv	+	-		\vdash	-	Η-	-		١	<u> </u>		89	+	+	+	+	-		4	4	4	-		139	4	_	4	_	_	_	_	_	4
			-		\vdash	\vdash	<u> </u>	\vdash	\vdash	Н	"	 		90	- -		-	-	4	_	\dashv	4	4			140	4	4	_	4	4	_	_	4	_
	41	\dashv	\dashv	\dashv	\dashv	-	_	\vdash	-	Н		<u> </u>		91	-	+	+	-	4	-	+	4	4			141		4	4	4	4	_	_	4	_
		\dashv		4	-		_	Н	Н	Н		_		92	+	4	4	- -	+	4	4	4	\dashv	-		142	\dashv	4	4	\dashv		_	_	\perp	_
	43	-	-	4				Н	\vdash	Н		\vdash	+	93	+	-	4	- -	4	\dashv	-	4	-∤-	1		143	4	4	4	4	\dashv	_	\dashv	_	\Box
	44	-	-		-		_	Н	Н	$\vdash \vdash$		<u> </u>		94	+	4	+	4	4	4	- -	4	_	L		144	4	4	4	4	_	_	_	\bot	_
	45	\dashv	\dashv	4		\dashv	_	Н	-	Ш			- -	95	4-	4	4	4	4	4	\bot	4	_	Ļ		145		4	\perp	4	\perp	\perp	\perp	\perp	╝
	46	4	-	4	4	_	_	Ш	<u> </u>	Щ				96	_	4	4	_	_ _	_	\bot	4	ᆀ.	L		146	1	_	\perp	_[_[$oldsymbol{\mathbb{I}}$	\bot	$oldsymbol{\perp}$	╝
	47	_	_	4	4	_	-	Ш		\Box				97	⊥	4	4	_	_	\perp	$\perp \!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $	_ _	_	L		147	_			_[\Box	J	\Box	$oldsymbol{\perp}$	_]
	48	4	4	4	_	_	_	Ш		Щ	ļ			98	\perp	\perp	4	\perp	\perp	_	\perp	\perp		Ĺ		148	[$oldsymbol{ol}oldsymbol{ol}oldsymbol{oldsymbol{oldsymbol{ol{ol}}}}}}}}}}}}}}}$	$oldsymbol{ol}}}}}}}}}}}}}}}$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	$oldsymbol{\mathbb{I}}$	\Box	$\Box \Gamma$	
\dashv	49	_	_	4	4	_	_		_	\Box			1	99	1	1	1		\perp			\perp		L		149		\perp	$oldsymbol{\mathbb{I}}$		\Box	Ī			
\perp	50	_1	丄			┙					[1	00		1			- [- 1	- 1		Г		150	Π	T	Т	Т	T	Т		Т	7